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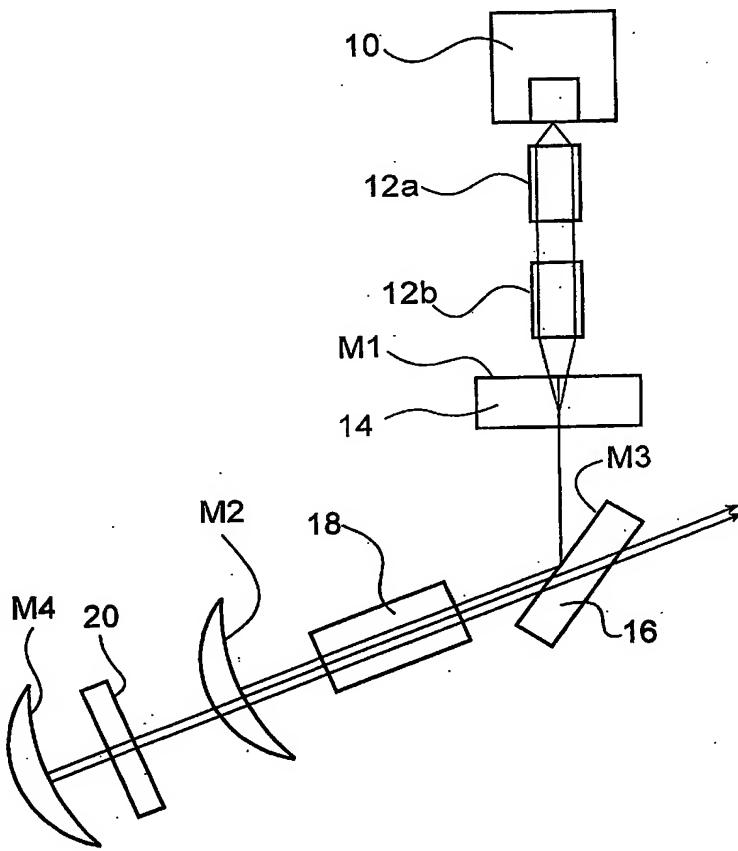
(71) Applicant (for all designated States except US): COBOLT AB [SE/SE]; Kräftriket 8, S-104 05 Stockholm (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SPIEKERMANN, Stefan [DE/SE]; Tegvagen 10, S-175 53 Järfälla (SE).

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(54) Title: BEAM COMBINER



(57) Abstract: A laser arrangement with a resonant cavity which is folded by a folding mirror is disclosed. A quarter wave plate and retro-reflector are arranged outside one of the cavity mirrors. Frequency converted light that exits the cavity through this cavity mirror passes the wave plate twice before re-entering the cavity. In this way, light re-enters the cavity with a polarization direction that is orthogonal to its original polarization direction, and a combined, non-polarized output beam is obtained from the laser arrangement.



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